

RS Minerals Ltd

BENTONEX SB GRANULAR

Technical Data

This document was revised on 4th January 2014 and supersedes all earlier versions.

Product Description

Bentonex SB Granular is a high quality sodium activated bentonite with excellent swelling properties. It has been screened to give a coarse granular product for good handling and low dust content.

Product Characteristics

Bentonex SB Granular swells slowly in water allowing use in deep water applications. It is ideal for a range of civil engineering and geotechnical applications such as filling cable trenches and the plugging of boreholes and landfill gas wells.

Typical Chemical Analysis

SiO ₂	54.7%
Al ₂ O ₃	11.6%
Fe ₂ O ₃	5.2%
CaO	4.5%
MgO	3.8%
K ₂ O	0.8%
Na ₂ O	3.1%
LoI	8.9%

Typical Properties

Bulk Density	1050 Kg/m ³
pH	10.8
Swelling Volume	20 – 40 ml/2g
Moisture	10 – 14% by weight

Sieve Analysis

Predominantly 2-15mm granules

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